



## DATA SHEET

# CISCO AVS 3180 MANAGEMENT STATION

**The Cisco® AVS 3180 Management Station is an integral component of the Cisco AVS 3100 Series of application velocity systems. It provides Web-based tools for configuration and application performance monitoring, easing management tasks.**

Delivered in an appliance form factor, the Cisco AVS 3180 (Figure 1) addresses the needs of both small- and large-scale Cisco AVS 3100 Series deployments by helping to protect productivity gains and reduce operating costs. It provides a comprehensive solution that ties separate Cisco AVS 3110 and 3120 appliances into a single, secure acceleration and performance monitoring node.

The Cisco AVS 3180 enables customers to deploy application acceleration infrastructures in small and large environments, using the following powerful features:

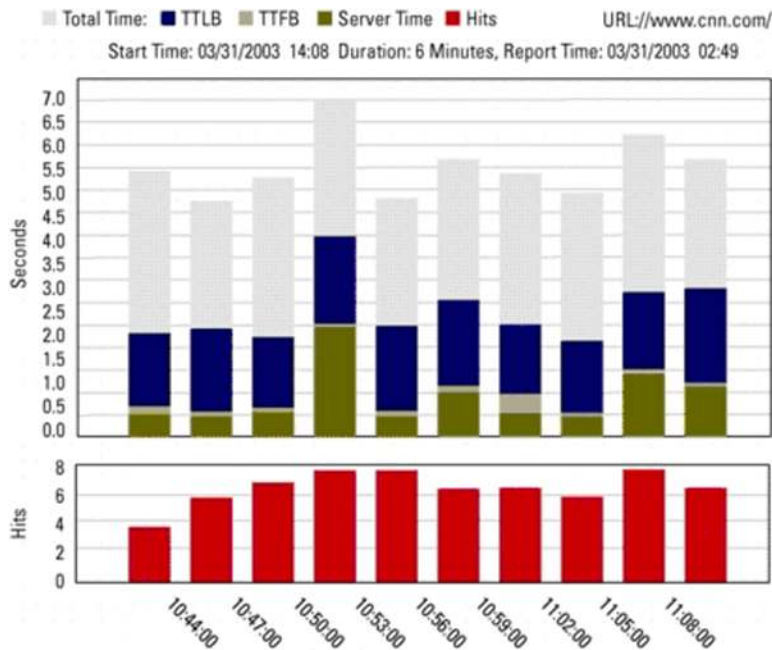
- Define a common configuration for a cluster of Cisco AVS 3110s and 3120s and enable per-node override of specific configurations
- Easily and automatically replicate configuration data to a cluster of Cisco AVS 3110s and 3120s
- Aggregate application performance data across a cluster of Cisco AVS 3110s and 3120s
- Provide support for multiple URLs and domains, enabling multiple applications to be handled simultaneously
- Provide graphical reports that enable IT personnel to easily quantify Cisco AVS 3110 and 3120-enabled bandwidth usage reductions and throughput

## APPSCOPE END-USER PERFORMANCE MONITOR

The Cisco AVS AppScope Monitor (AppScope) is the industry's only agentless, end-to-end application performance measurement solution. The AppScope management client and database run on the Cisco AVS 3180 Management Station appliance. Accordingly, AppScope obtains performance data by polling performance measurement data from one or more Cisco AVS 3110 or 3120 appliances and aggregating that data into a single application view. AppScope performance monitoring provides a lightweight way for organizations to monitor, measure, and report end-user response times from a central location. AppScope measures the true application performance as realized by real end users—nothing is simulated. It breaks down response times into individual components that allow better allocation of IT resources and greatly reduce mean time to repair.



Figure 1. URL Trend Report



The unique proxy architecture of the Cisco AVS 3100 Series enables AppScope to measure not only the delivery time of both HTTP- and HTTPS-encrypted pages (there are no compromises between visibility and security), but also of embedded objects such as images, JavaScripts, and stylesheets. AppScope also accurately determines both the server delay and network delay components associated with the user experience. Agentless and transparent, AppScope requires no changes to the application or the desktop (“drop-in” deployment) and provides both business-level and process-level aggregation. AppScope's unique statistical traffic-sampling technology enables your company to sample user requests rather than measuring all user requests—a tremendous savings in resources. This makes AppScope highly scalable for high-traffic applications.

Table 1. Cisco 3180 Specifications

Software	Cisco AVS AppScope Monitor performance monitoring client. Both the Cisco AVS 3120 appliance and the Cisco AVS 3180 Management Station are required for AppScope performance monitoring. GUI device management for one or more Cisco AVS 3120 appliances.
Chassis	1RU appliance
Memory	4 GB
CPU	3.2 GHz
Disk Space	Two 200-GB hard disks
Network Ports	One available RJ-25 10/100/1000 autosensing Ethernet port. One additional Ethernet port is inoperable and will be used in future software releases.

**Corporate Headquarters**

Cisco Systems, Inc.  
170 West Tasman Drive  
San Jose, CA 95134-1706  
USA  
www.cisco.com  
Tel: 408 526-4000  
800 553-NETS (6387)  
Fax: 408 526-4100

**European Headquarters**

Cisco Systems International BV  
Haarlerbergpark  
Haarlerbergweg 13-19  
1101 CH Amsterdam  
The Netherlands  
www-europe.cisco.com  
Tel: 31 0 20 357 1000  
Fax: 31 0 20 357 1100

**Americas Headquarters**

Cisco Systems, Inc.  
170 West Tasman Drive  
San Jose, CA 95134-1706  
USA  
www.cisco.com  
Tel: 408 526-7660  
Fax: 408 527-0883

**Asia Pacific Headquarters**

Cisco Systems, Inc.  
168 Robinson Road  
#28-01 Capital Tower  
Singapore 068912  
www.cisco.com  
Tel: +65 6317 7777  
Fax: +65 6317 7799

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